

Peak District National Park

Forecast valid from 00:00 on Saturday 01 Oct 2022 until 23:59 on Sunday 02 Oct 2022

Forecast Issued on Friday 30 Sep 2022 at 14:40

Confidence: High confidence in most aspects over the weekend. Lower confidence from late Monday due to a developing low pressure system.

Headline for Saturday 01 Oct 2022: Sunny spells and heavy, blustery showers.

Mountain weather hazards on Saturday 01 Oct 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain showers (night)	Heavy rain showers (night)	Light rain showers (night)	Heavy rain showers	Light rain showers	Heavy rain showers	Light rain showers	Heavy rain showers (night)
Precipitation probability							
30%	30%	30%	30%	30%	30%	30%	30%

Forecast for Saturday 01 Oct 2022

Weather: Clear or sunny spells and scattered heavy and blustery showers, with a very low risk of thunder. Showers may be frequent at times, and will continue into the evening.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Excellent visibility generally, briefly becoming poor in showers, and poor in any cloud on higher slopes. Cloud bases will be generally above the summits from late morning, but there may be patchy cloud down to 400-500m at first, and bases are likely to fall to cover the tops around showers.

Forecast for Saturday 01 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/33 W	24/33 W	23/31 W	24/32 W	27/37 W	23/32 W	20/30 W	21/30 W	18/27 W
300	18/27 SW	18/28 W	17/27 W	19/27 W	21/31 W	17/26 W	14/24 SW	15/24 W	13/22 W
Valley	11/26 SW	12/27 W	11/25 W	12/26 W	16/33 W	13/28 W	10/24 W	10/23 W	9/21 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/3	7/2	8/3	10/5	10/5	9/5	8/3	7/3
300	10/7	10/6	9/6	10/7	12/9	13/9	12/9	10/7	10/7
Valley	11/8	10/8	10/7	11/8	13/10	13/10	12/10	10/8	10/8
Freezing Level*	1800m	1700m	1600m	1600m	1600m	1600m	1700m	1700m	1500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Some places may stay dry, but others may see several showers align, leading to a longer period of rainfall. Feeling cold in the wind, even with some sunshine, and gusts will make walking difficult at times near the summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 30 Sep 2022	11mm	18mm	20.4mm

Forecast for Sunday 02 Oct 2022

Weather: Patchy low cloud at first, then sunny spells and isolated light showers. Less windy than Saturday, so feeling slightly less chilly.

Maximum wind: Westerly 15mph gusting 25-30mph

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Patchy cloud as low as 400m at first, but this will quickly lift above the tops during the morning. Excellent visibility generally, briefly becoming poor in showers, and poor in any cloud on higher slopes.

Temperature: **Valleys:** Plus 6C becoming 13C.
At 600m: Plus 4C becoming 10C.
Freezing level: Above the summits.